

Converting Colors

$Yxy(39.9725, 0.2829, 0.3467)$

Have a look what the booklet for
Yxy(39.9725, 0.2829, 0.3467)
contains.

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Color

Yxy(39.9358, 0.2833, 0.3470)

Conversions

Conversions Part 1

Format	Color
Hex	84B3A7
RGB	132, 179, 167
RGB Percent	52%, 70%, 65%
CMY	0.4826, 0.2980, 0.3451
CMYK	0.26, 0.00, 0.07, 0.30
HSL	165°, 24%, 61%
HSV	165°, 26%, 70%
XYZ	32.6046, 39.9358, 42.5483
YIQ	163.5790, -24.1600, -13.6960

Conversions

Conversions Part 2

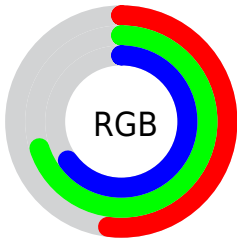
Format	Color
RYB	132, 159, 179
Decimal	8696743
CIELab	69.42, -18.19, 1.06
CIElCh	69, 18.224, 176.655
Yxy	39.9358, 0.2833, 0.3470
Android (android.graphics.Color)	4286886823 (0xFF84B3A7)
YUV	163.5790, 1.6866, -27.6948
Hunter-Lab	63.1948, -18.4958, 4.3171

Details

The Yxy color **39.9358, 0.2833, 0.3470** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **28.0867, 0.3538, 0.3118**, and the grayscale version is **36.9105, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1297, 0.2889, 0.3438**, and **17.9088, 0.2746, 0.3525** is the 20% darker color. If you saturate the color by 10%, you get **38.4505, 0.2735, 0.3550**, and if you desaturate by 10%, it is **41.6779, 0.2940, 0.3396**.

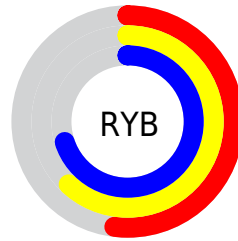
Distribution



Red (52%)

Green (70%)

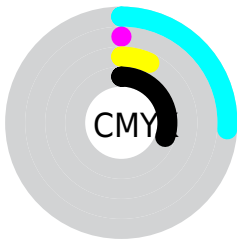
Blue (65%)



Red (52%)

Yellow (62%)

Blue (70%)

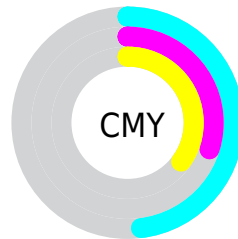


Cyan (26%)

Magenta (0%)

Yellow (7%)

Black (30%)



Cyan (48%)


Magenta (30%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9358, 0.2833, 0.3470 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 39.9358, 0.2833, 0.3470 by changing the saturation by 10% instead.


 39.9358, 0.2833,
0.3470


 39.9358, 0.2833,
0.3470

345.8529, 0.2984,
0.3377

 27.4885, 0.2794,
0.3494


 75.0657, 0.2889,
0.3436

 17.9404, 0.2743,
0.3526


 98.5172, 0.2909,
0.3423

 10.9072, 0.2674,
0.3568


 126.4054, 0.2927,
0.3412

 6.0045, 0.2575,
0.3630

159.1149, 0.2942,
0.3403

 2.8478, 0.2422,
0.3728

197.0300, 0.2954,
0.3395

 1.0528, 0.2054,
0.3950

240.5351, 0.2965,

 0.0000, 0.0000,

0.3389

0.0000

290.0146, 0.2975,
0.3383

■ 39.9358, 0.2833,
0.3470

■ 39.9358, 0.2833,
0.3470

■ 38.4505, 0.2735,
0.3550

■ 41.6779, 0.2940,
0.3396

■ 37.2045, 0.2650,
0.3635

■ 43.6837, 0.3054,
0.3329

■ 36.1856, 0.2579,
0.3724


■ 45.9660, 0.3171,
0.3268


■ 35.3784, 0.2525,
0.3816

■ 48.5351, 0.3290,
0.3214

■ 34.7658, 0.2491,
0.3911


■ 51.4010, 0.3409,
0.3165


 34.3280, 0.2476,
0.4006

 54.5730, 0.3526,
0.3123

 34.0384, 0.2479,
0.4100

 57.6290, 0.3621,
0.3084

 33.9482, 0.2482,
0.4134

 57.8445, 0.3581,
0.3037

 58.0664, 0.3541,
0.2990

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.9358, 0.3080, 0.3678



39.9358, 0.2833, 0.3470



39.9358, 0.2668, 0.3215

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.9358, 0.2833, 0.3470



39.9358, 0.2895, 0.2852



39.9358, 0.3660, 0.3552

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



39.9358, 0.2833, 0.3470



28.0867, 0.3538, 0.3118

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



39.9358, 0.3608, 0.3334



39.9358, 0.2833, 0.3470



39.9358, 0.3157, 0.2941

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.9358, 0.2833, 0.3470



39.9358, 0.2703, 0.2868



39.9358, 0.3421, 0.3114



39.9358, 0.3562, 0.3715

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.9358, 0.2833, 0.3470



39.9358, 0.2623, 0.3061



39.9358, 0.3421, 0.3114



39.9358, 0.3659, 0.3483

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



39.9374, 0.2833, 0.3470



77.5235, 0.3032, 0.3341



39.8850, 0.3201, 0.4005



17.0524, 0.3015, 0.3351



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.9374, 0.2833, 0.3470



69.7985, 0.2771, 0.3519



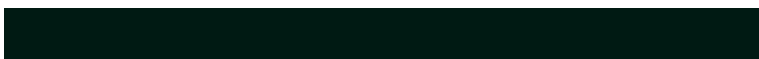
36.1740, 0.2734, 0.3124



9.5937, 0.3019, 0.3349



23.9961, 0.2479, 0.4123



0.7638, 0.2406, 0.3862

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



28.0867, 0.3538, 0.3118



44.7120, 0.3673, 0.3075



30.8742, 0.3639, 0.3450



8.5397, 0.3248, 0.3232



6.9192, 0.5879, 0.3012



0.2274, 0.5082, 0.2573

Previews

White Background



This preview shows how the Yxy color 39.9358, 0.2833, 0.3470 looks on a white background.

Color Contrast Check

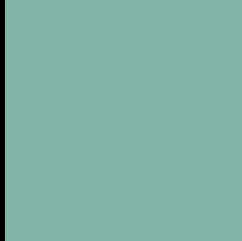
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 39.9358, 0.2833, 0.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

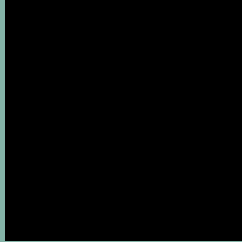
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.9358, 0.2833, 0.3470

Background



This preview shows how black text looks on a background with the Yxy color 39.9358, 0.2833, 0.3470.



This preview shows how white text looks on a background with the Yxy color 39.9358, 0.2833, 0.3470.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

39.9358, 0.2833, 0.3470

Protanopia

39.5771, 0.3243, 0.3388

Deuteranopia

39.7675, 0.3273, 0.3210



Tritanopia

40.0867, 0.2706, 0.3088

Trichromacy



Original Color

39.9358, 0.2833, 0.3470

Protanomaly

39.5203, 0.3085, 0.3419

Deuteranomaly

39.3475, 0.3100, 0.3290

Tritanomaly

39.9726, 0.2748, 0.3216

Monochromacy



Original Color

39.9358, 0.2833, 0.3470

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.7679, 0.3008, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9358, 0.2833, 0.3470 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(132, 179, 167)` looks like.

```
.text, #text, p{  
    color:rgb(132, 179, 167)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(132, 179, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 179, 167) }
```

Border

The CSS property to change the border of an element to Yxy 39.9358, 0.2833, 0.3470 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(132, 179, 167) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(132, 179, 167) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(132, 179, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 179, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 179, 167);  
box-shadow:4px 4px 4px 4px rgb(132, 179,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9358, 0.2833, 0.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 179, 167) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(132,  
179, 167) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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